

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/542,857
Source: IFW0
Date Processed by STIC: 10/27/06

ENTERED



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/542,857

DATE: 10/27/2006
TIME: 10:22:06

Input Set : A:\25031163.APP
Output Set: N:\CRF4\10272006\J542857.raw

3 <110> APPLICANT: PAVONE, VINCENZO
 4 LUSSO, PAOLO
 6 <120> TITLE OF INVENTION: RANTES-DERIVED PEPTIDES WITH ANTI-HIV ACTIVITY
 8 <130> FILE REFERENCE: 2503-1163
 10 <140> CURRENT APPLICATION NUMBER: 10/542,857
 11 <141> CURRENT FILING DATE: 2005-07-21
 13 <150> PRIOR APPLICATION NUMBER: PCT/IB2004/000155
 14 <151> PRIOR FILING DATE: 2004-01-22
 16 <150> PRIOR APPLICATION NUMBER: IT MI2003A000107
 17 <151> PRIOR FILING DATE: 2003-01-24
 19 <160> NUMBER OF SEQ ID NOS: 38
 21 <170> SOFTWARE: PatentIn Ver. 3.3
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 19
 25 <212> TYPE: PRT
 26 <213> ORGANISM: Artificial Sequence
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 30 peptide
 32 <220> FEATURE:
 33 <221> NAME/KEY: MOD_RES
 34 <222> LOCATION: (1)
 35 <223> OTHER INFORMATION: Ac-Cys
 37 <220> FEATURE:
 38 <221> NAME/KEY: MOD_RES
 39 <222> LOCATION: (2)
 40 <223> OTHER INFORMATION: Phe, Tyr, 1Nal, 2Nal, or Cha
 42 <220> FEATURE:
 43 <221> NAME/KEY: MOD_RES
 44 <222> LOCATION: (6)..(17)
 45 <223> OTHER INFORMATION: This region may encompass 2-12 variable amino acid
 46 residues
 48 <220> FEATURE:
 49 <221> NAME/KEY: MOD_RES
 50 <222> LOCATION: (18)
 51 <223> OTHER INFORMATION: Phe, Tyr, 1Nal, 2Nal, or Cha
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: C-term amidated
 56 <400> SEQUENCE: 1
 W--> 57 Cys Xaa Pro Tyr Ile Xaa
 58 1 5 10 15
 W--> 60 Xaa Xaa Tyr
 64 <210> SEQ ID NO: 2

See P, 6

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65 <211> LENGTH: 13
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
71 peptide
73 <220> FEATURE:
74 <221> NAME/KEY: MOD_RES
75 <222> LOCATION: (7)
76 <223> OTHER INFORMATION: Ala or Pro
78 <400> SEQUENCE: 2
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80 1 5 10
83 <210> SEQ ID NO: 3
84 <211> LENGTH: 13
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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92 <220> FEATURE:
93 <221> NAME/KEY: MOD_RES
94 <222> LOCATION: (7)
95 <223> OTHER INFORMATION: Ala or Pro
97 <220> FEATURE:
98 <221> NAME/KEY: MOD_RES
99 <222> LOCATION: (13)
100 <223> OTHER INFORMATION: 1Nal
102 <400> SEQUENCE: 3
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104 1 5 10
107 <210> SEQ ID NO: 4
108 <211> LENGTH: 13
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
114 peptide
116 <220> FEATURE:
117 <221> NAME/KEY: MOD_RES
118 <222> LOCATION: (7)
119 <223> OTHER INFORMATION: Ala or Pro
121 <220> FEATURE:
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123 <222> LOCATION: (13)
124 <223> OTHER INFORMATION: 2Nal
126 <400> SEQUENCE: 4
W--> 127 Ala Arg Pro Leu Pro Arg Xaa His Ile Lys Glu Tyr Xaa
128 1 5 10

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Input Set : A:\25031163.APP
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133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
138 peptide
140 <220> FEATURE:
141 <221> NAME/KEY: MOD_RES
142 <222> LOCATION: (7)
143 <223> OTHER INFORMATION: Ala or Pro
145 <220> FEATURE:
146 <221> NAME/KEY: MOD_RES
147 <222> LOCATION: (13)
148 <223> OTHER INFORMATION: Cha
150 <400> SEQUENCE: 5
W--> 151 Ala Arg Pro Leu Pro Arg Xaa His Ile Lys Glu Tyr Xaa
152 1 5 10
155 <210> SEQ ID NO: 6
156 <211> LENGTH: 10
157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
162 peptide
164 <220> FEATURE:
165 <221> NAME/KEY: MOD_RES
166 <222> LOCATION: (7)
167 <223> OTHER INFORMATION: Ala or Pro
169 <400> SEQUENCE: 6
W--> 170 Ala Arg Pro Leu Pro Arg Xaa His Ile Phe
171 1 5 10
174 <210> SEQ ID NO: 7
175 <211> LENGTH: 10
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
181 peptide
183 <220> FEATURE:
184 <221> NAME/KEY: MOD_RES
185 <222> LOCATION: (7)
186 <223> OTHER INFORMATION: Ala or Pro
188 <400> SEQUENCE: 7
W--> 189 Ala Arg Pro Leu Pro Arg Xaa His Tyr Phe
190 1 5 10
193 <210> SEQ ID NO: 8
194 <211> LENGTH: 10
195 <212> TYPE: PRT

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Input Set : A:\25031163.APP
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196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
200 peptide
202 <220> FEATURE:
203 <221> NAME/KEY: MOD_RES
204 <222> LOCATION: (7)
205 <223> OTHER INFORMATION: Ala or Pro
207 <400> SEQUENCE: 8
W--> 208 Ala Arg Pro Leu Pro Arg Xaa Glu Tyr Phe
209 1 5 10
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213 <211> LENGTH: 10
214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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221 <400> SEQUENCE: 9
222 Ala Arg Pro Leu Pro Arg Lys Glu Tyr Phe
223 1 5 10
226 <210> SEQ ID NO: 10
227 <211> LENGTH: 10
228 <212> TYPE: PRT
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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240 <210> SEQ ID NO: 11
241 <211> LENGTH: 10
242 <212> TYPE: PRT
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
247 peptide
249 <220> FEATURE:
250 <221> NAME/KEY: MOD_RES
251 <222> LOCATION: (4)
252 <223> OTHER INFORMATION: Ala or Pro
254 <400> SEQUENCE: 11
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256 1 5 10
259 <210> SEQ ID NO: 12
260 <211> LENGTH: 19
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial Sequence

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Input Set : A:\25031163.APP

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264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
266 peptide
268 <220> FEATURE:
269 <221> NAME/KEY: MOD_RES
270 <222> LOCATION: (1)
271 <223> OTHER INFORMATION: Ac-Cys
273 <220> FEATURE:
274 <223> OTHER INFORMATION: C-term amidated
276 <400> SEQUENCE: 12
277 Cys Phe Pro Tyr Ile Ala Arg Pro Leu Pro Arg Ala His Ile Lys Glu
278 1 5 10 15
280 Tyr Phe Tyr
284 <210> SEQ ID NO: 13
285 <211> LENGTH: 19
286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
291 peptide
293 <220> FEATURE:
294 <221> NAME/KEY: MOD_RES
295 <222> LOCATION: (1)
296 <223> OTHER INFORMATION: Ac-Cys
298 <220> FEATURE:
299 <223> OTHER INFORMATION: C-term amidated
301 <400> SEQUENCE: 13
302 Cys Phe Pro Tyr Ile Ala Arg Pro Leu Pro Arg Pro His Ile Lys Glu
303 1 5 10 15
305 Tyr Phe Tyr
309 <210> SEQ ID NO: 14
310 <211> LENGTH: 19
311 <212> TYPE: PRT
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
316 peptide
318 <220> FEATURE:
319 <221> NAME/KEY: MOD_RES
320 <222> LOCATION: (1)
321 <223> OTHER INFORMATION: Ac-Cys
323 <220> FEATURE:
324 <221> NAME/KEY: MOD_RES
325 <222> LOCATION: (2)
326 <223> OTHER INFORMATION: 1Nal
328 <220> FEATURE:
329 <223> OTHER INFORMATION: C-term amidated
331 <400> SEQUENCE: 14
W--> 332 Cys Xaa Pro Tyr Ile Ala Arg Pro Leu Pro Arg Ala His Ile Lys Glu

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/542,857

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FYI
Input Set : A:\25031163.APP
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,6,7,8,9,10,11,12,13,14,15,16,17,18
Seq#:2; Xaa Pos. 7
Seq#:3; Xaa Pos. 7,13
Seq#:4; Xaa Pos. 7,13
Seq#:5; Xaa Pos. 7,13
Seq#:6; Xaa Pos. 7
Seq#:7; Xaa Pos. 7
Seq#:8; Xaa Pos. 7
Seq#:11; Xaa Pos. 4
Seq#:14; Xaa Pos. 2
Seq#:15; Xaa Pos. 2
Seq#:16; Xaa Pos. 2
Seq#:17; Xaa Pos. 18
Seq#:18; Xaa Pos. 18
Seq#:19; Xaa Pos. 18
Seq#:29; Xaa Pos. 2

VERIFICATION SUMMARY

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Input Set : A:\25031163.APP

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L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:16
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:16
L:455 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:16
L:485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:16
L:703 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0